

09/739349

*Cofc*

**Sterne Kessler  
Goldstein Fox**  
ATTORNEYS AT LAW



Robert Greene Sterne  
Jorge A. Goldstein  
David K.S. Cornwell  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michele A. Cimbala  
Michael B. Ray  
Robert E. Sokohl  
Eric K. Steffe  
Michael Q. Lee  
John M. Covert  
Robert C. Millonig  
Donald J. Featherstone  
Timothy J. Shea, Jr.  
Michael V. Messinger  
Judith U. Kim  
Jeffrey T. Helvey

Eldora L. Ellison  
Donald R. Banowitz  
Peter A. Jackman  
Brian J. Del Buono  
Mark Fox Evans  
Vincent L. Capuano  
Elizabeth J. Haanes  
Michael D. Specht  
Kevin W. McCabe  
Edward W. Yee  
Virgil Lee Beaston  
Theodore A. Wood  
Joseph S. Ostroff  
Jason D. Eisenberg  
Tracy L. Muller  
Jon E. Wright  
LuAnne M. DeSantis

Ann E. Summerfield  
Helene C. Carlson  
Cynthia M. Bouchez  
Timothy A. Doyle  
Gaby L. Longworth  
Lori A. Gordon  
Laura A. Vogel  
Bryan S. Wade  
Bashir M.S. Ali  
Shannon A. Carroll  
Anbar F. Khal  
Michelle K. Holoubek  
Marsha A. Rose  
Scott A. Schaller  
Lei Zhou  
Young Tang  
Christopher J. Walsh

W. Blake Coblenz\*  
James J. Pohl  
John T. Haran  
Mark W. Rygiel  
Michael R. Malek\*  
Carla Ji-Eun Kim  
Doyle A. Siever\*  
Alexandra K. Pechhold  
C. Matthew Rozier\*  
Robert A. Schwartzman  
Bryan L. Skelton\*  
Ulrike Winkler

**Registered Patent Agents\***  
Karen R. Markowicz  
Matthew J. Dowd  
Katrina Yujian Pei Quach  
Julie A. Heider

Mita Mukherjee  
Scott M. Woodhouse  
Peter A. Socarras  
Jeffrey K. Mills  
Danielle L. Letting  
Lori Brandes  
Steven C. Oppenheimer  
Aaron S. Lukas  
Gaurav Asthana

**Of Counsel**  
Edward J. Kessler  
Kenneth C. Bass III  
Marvin C. Guthrie

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice Limited to Federal Agencies

April 13, 2007

**WRITER'S DIRECT NUMBER:**  
(202) 772-8675  
**INTERNET ADDRESS:**  
JHELVEY@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit 2614**  
**Mail Stop: Certificate of Correction Branch**

Re: U.S. Utility Patent No. 7,106,388 B2; Issued: September 12, 2006  
For: **Digital IF Demodulator for Video Applications**  
Inventors: **VORENKAMP et al.**  
Our Ref: 1875.1010001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Credit Card Payment Form (PTO-2038) in the amount of \$100.00 to cover the Certificate of Correction fee;
2. Request for Certificate of Correction Under 37 C.F.R. § 1.322 and 1.323;
3. Completed Form PTO/SB/44, with the noted corrections printed thereon; and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

*Jeffrey T. Helvey*

Jeffrey T. Helvey  
Attorney for Patentees  
Registration No. 44,757

**Certificate**  
**APR 18 2007**  
**of Correction**

**APR 18 2007**

JTH/MRM:bac

Enclosures

Sterne, Kessler, Goldstein & Fox P.L.L.C. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : [www.skgt.com](http://www.skgt.com)

663546\_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of:

VORENKAMP *et al.*

Patent. No.: 7,106,388 B2

Issued: September 12, 2006

For: **Digital IF Demodulator for Video Applications**

Confirmation No.: 3369

Art Unit: 2614

Examiner: Tran, Trang U.

Atty. Docket: 1875.1010001

**Request for Certificate of Correction  
Under 37 C.F.R. § 1.322 and 1.323**

*Attn: Certificate of Correction Branch*

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

It is hereby requested that a Certificate of Correction under 37 C.F.R. §§ 1.322 and 1.323 be issued for the above-captioned United States Patent. This Certificate of Correction is being requested due to mistakes which appear in the printed patent. These mistakes were made by both the U.S. Patent and Trademark Office and by Applicants. The mistakes made by Applicants are of a clerical or typographical nature, or of a minor character. Patentees submit that correction of these errors does not introduce new matter.

Specifically, the printed patent contains the following errors for which a Certificate of Correction is respectfully requested:

At column 6, line 37, please replace "Digital if" with --Digital IF--.

At column 35, lines 3 and 4, please replace "(C2" with --(C2)-- and replace "(C1" with --(C1)--.

04/16/2007 SZEWDIE1 00000050 7106388

01 FC:1811

100.00 OP

APR 18 2007

At column 52, line 18, please replace equation (7.23) with  $--V_{gt}^{M3,4} \approx V_{gt}^{M1,2} / 2$

$$V_{os} \approx V_{gt}^{M3,4} / 3--.$$

At column 106, lines 56 and 57, please replace "single" with --signal--.

At column 111, line 18, please replace "VIP" with --VIF--.

***Remarks***

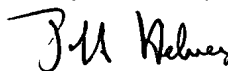
The above-noted corrections do not involve such changes in the patent as would constitute new matter or would require reexamination.

A completed Form PTO/SB/44 accompanies this request, with the above-noted corrections printed thereon. Accordingly, a Certificate of Correction is believed proper and issuance thereof is respectfully requested.

This request is accompanied by payment of the fee set forth in 37 C.F.R. § 1.20(a). Fee payment is provided in the attached Credit Card Payment Form (PTO-2038). The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey  
Attorney for Patentees  
Registration No. 44,757

Date: 4/13/07

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600

663528\_1.DOC

APR 18 2007

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1PATENT NO: **7,106,388 B2**DATED: **September 12, 2006**INVENTORS: **VORENKAMP *et al.***

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

At column 6, line 37, please replace "Digital if" with --Digital IF--.

At column 35, lines 3 and 4, please replace "(C2" with --(C2)-- and replace "(C1" with --(C1)--.

At column 52, line 18, please replace equation (7.23) with  $--V_{gt}^{M3,4} \approx V_{gt}^{M1,2} / 2$   
 $V_{os} \approx V_{gt}^{M3,4} / 3--$ .

At column 106, lines 56 and 57, please replace "single" with --signal--.

At column 111, line 18, please replace "VIP" with --VIF--.

663529\_1.DOC

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

1100 New York Avenue, NW

Washington DC 20005-3934

Atty. Dkt. No. 1875.1010001

This collection of information is required by 37 CFR 1.322, 1.323 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

APR 18 2007